

US EPA Design for the Environment Auto Refinish Project Best Practices Kit

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Project Information

- “Caring for the Environment in the Collision Repair Industry”, by Chet Elia, Director, Collision Division, *PA Automotive*, February 2001 - article that needs to be put on the site. Can this be scanned into the site?
- U.S. EPA’s Design for the Environment (DfE) Automotive Refinishing Partnership website: www.epa.gov/dfe/projects/auto - link to
- The Coordinating Committee for Auto Repair (CCAR) - Greenlink Virtual Shop website: www.ccar-greenlink.org/cshops - link to
- Small Business Environmental Homepage: www.smallbiz-enviroweb.org - link to
- State and Environmental Agencies and Small Business Assistance Programs: www.smallbiz-enviroweb.org/sba/seasbapweb.html - link to

Sanding

- Best Practices Checklist - needs uploaded to the site
- Vacuum Sander Manufacturers/Suppliers - needs uploaded
- NIOSH Hazard Controls: Control of Dust From Sanding in Autobody Repair Shop: www.cdc.gov/niosh/sanding.html

Solvent Wipe Down

- Best Practices Checklist - needs uploaded
- Prep Station Manufacturers/Suppliers - needs uploaded



THE DESIGN FOR THE ENVIRONMENT AUTO REFINISH PROJECT’S GOAL IS TO WORK WITH AUTO REFINISHERS TO IDENTIFY AND ADOPT SAFER, CLEANER, MORE EFFICIENT PRACTICES AND TECHNOLOGIES.

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Paint Mixing

- Best Practices Checklist - uploaded to site
- Best Practices for the Paint Mixing Room (EPA 744-F-00-003) - link to this document on pubs page: http://epa.gov/dfe/pubs/auto/bp_mixing/index.pdf
- Breathing Easy: Ensuring Proper Ventilation of Paint Mixing Rooms In Auto Refinish Shops (EPA 744-F-02-008) - link to pubs page: http://epa.gov/dfe/pubs/auto/bp_mixing/ventilation.pdf
- Prefabricated Paint Mixing Room Manufacturers/Suppliers - add to site

Spray Painting

- Best Practices Checklist - add to
- HVLP Spray Guns Best Practices Checklist - add to
- STAR: Improve Your Spray Application Techniques (Iowa Waste Reduction Center, University of Northern Iowa) - link to: www.iwrc.org.programs/star.cfm
- Example of Cost Savings Using an HVLP Spray Gun - add to
- Best Practices for Auto Refinishers When Spray Painting (EPA 744-F-00-002) - link to pubs page: http://epa.gov/dfe/pubs/auto/bp_spray/index.htm
- User Friendly Supplied-Air Respirators: Options for Auto Refinishers (EPA 744-F-00-006) - http://epa.gov/dfe/pubs/auto/respirator_options/index.htm
- Supplied-Air Respirators in Auto Shops: Get the Best Protection (EPA 744-F-00-007) - <http://epa.gov/dfe/pubs/auto/respirator/index.htm>



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- HVLP Spray Guns: Cost-effective, environment-friendly technology (EPA 744-F-00-004) - <http://epa.gov/dfe/pubs/autospraygun/index.htm>
- HVLP Spray Guns in the Auto Refinishing Shop: A Success Story (EPA 744-F-00-014) - http://epa.gov/dfe/pubs/auto/spraygun_success/index.htm
- Choosing the Right Gloves for Painting Cars (EPA 744-F-00-005) - <http://epa.gov/dfe/pubs/auto/gloves/index.htm#top>
- Spray Booth Manufacturers/Suppliers - add to

Spray Gun Cleaning

- Best Practices Checklist - add to
- Automatic Gun Cleaner Manufacturers/Suppliers - add to

Health and Safety Management

- Best Practices Checklist - add to
- Other Auto Refinishing Shop Management Practices - add to
- Respiratory Protection for Auto Refinishers: Best Practices for a Successful Program (EPA 744-F-02-014) - link to document directly from pubs page
- Managing Worker Health and Safety: An Auto Refinish Shop Success Story (EPA 744-F-00-017) - <http://epa.gov/dfe/pubs/auto/workerhealth/healthandsafety.pdf>
- Respiratory Protection Program for Auto Refinish Shops (EPA 744-F-02-010) - <http://epa.gov/dfe/pubs/auto/respirator/rpp.pdf>
- Information on Auto Refinishing Training Programs and Workshops - add to



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- Protective Glove Manufacturers/Suppliers - add to
- Respirator Manufacturers/Suppliers - add to

Working with Isocyanates

- *Video: Working Safely with Polyurethane Paints* (Bayer Industrial Chemicals Division, 1996) - link to www.BayerUs.com/CoatingsandColorants
Address: Bayer Corporation
100 Bayer Road
Pittsburgh PA 15205-9741
- Safe Application of Polyurethane Automotive Finishes (Bayer Industrial Chemicals Division, November 1998) - www.BayerUS.com/CoatingsandColorants
- Isocyanates: Questions and Answers About Use and Handling (Bayer Corporation, Product Safety and Regulatory Affairs Department, January 1999)
- Desmodur® N: Hexamethylene Diisocyanate Based Polyisocyanates (Bayer Corporation, January 1999) www.BayerUS.com/CoatingsandColorants
- Request for Assistance in Preventing Asthma and Death from Diisocyanate Exposure (CDC NIOSH Alert, March 1996) www.cdc.gov/niosh (Pub #96-111)



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